



YHRAC (U.S. Nat Mus) (2).



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SMITHSONIAN INSTITUTION.

UNITED STATES NATIONAL MUSEUM.

BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 51.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1902.

ADVERTISEMENT.

This work (Bulletin No. 51) is one of a series of papers intended to illustrate the collections belonging to or placed under the charge of the Smithsonian Institution and deposited in the United States National Museum.

The publications of the National Museum consist of two series—the *Bulletin* and the *Proceedings*.

The *Bulletin*, publication of which was commenced in 1875, is a series of elaborate papers issued separately and based for the most part upon collections in the National Museum. They are monographic in scope and are devoted principally to the discussion of large zoological groups, bibliographies of eminent naturalists, reports of expeditions, etc. The bulletins, issued only as volumes with one exception, are of octavo size, although a quarto form, known as the Special Bulletin, has been adopted in a few instances in which a larger page was deemed indispensable.

The *Proceedings* (octavo), the first volume of which was issued in 1878, are intended primarily as a medium of publication for newly acquired facts in biology, anthropology, and geology, descriptions of new forms of animals and plants, discussions of nomenclature, etc. A volume of about 1,000 pages is issued annually for distribution to libraries, while a limited edition of each paper in the volume is printed and distributed in pamphlet form in advance.

In addition, there are printed each year in the second volume of the Smithsonian Report (known as the Report of the National Museum) papers, chiefly of an ethnological character, describing collections in the National Museum.

Papers intended for publication by the National Museum are usually referred to an advisory committee, composed as follows: Frederick W. True (chairman), William H. Holmes, George P. Merrill, James E. Benedict, Otis T. Mason, Leonhard Stejneger, Lester F. Ward, and Marcus Benjamin (editor).

S. P. LANGLEY,

Secretary of the Smithsonian Institution.

WASHINGTON, U. S. A., April 4, 1902.

798
A LIST

OF

THE PUBLICATIONS

OF THE

UNITED STATES NATIONAL MUSEUM

(1875-1900)

INCLUDING THE ANNUAL REPORTS, PROCEEDINGS, BULLETINS,
SPECIAL BULLETINS, AND CIRCULARS,

WITH INDEX TO TITLES.

BY

RANDOLPH I. GEARE,

Chief, Division of Correspondence and Documents.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1902.

YHHC (U.S. Nat. Mus) (2).



PREFACE.

The purpose of this bulletin is to present a list, with index to titles, of the publications of the U. S. National Museum, which consist of an annual Report, an annual volume of Proceedings, Bulletins, Special Bulletins, and Circulars.

The Report constitutes the second volume of the Smithsonian Report, and the first one thus issued is for the year 1884. A certain number of these volumes is assigned to the Museum for distribution to libraries, to correspondents, and to contributors to the collections, while a considerable part of the edition is distributed by members of Congress. The special papers in these volumes, for the most part describing ethnological collections in the National Museum, are furnished free to those interested.

The series of Proceedings of the National Museum began in 1878, and 23 volumes, containing 1,240 separate papers, have been published. These papers, which are technical, describe, or are based wholly or in part upon, material in the Museum. The volumes are sent only to libraries, while the separate papers are furnished without charge to specialists and others engaged in scientific work.

The first number of the Bulletin was issued in 1875. Of the latest in the series, No. 50 (The Birds of North and Middle America), only the first volume, relating to the Fringillidæ, has been issued. The bulletins are intended principally for libraries, but are also given to known specialists working on the groups to which they relate.

Special Bulletins, in quarto, have been issued at irregular intervals, but this form has been used only where a size larger than octavo was deemed especially desirable. The last one published (No. IV) is the first volume of a monograph of the American Hydroids, and relates to the group Plumularidæ.

The primary object of the issuance of the series of Circulars was to bring to immediate notice urgent wants of the Museum, or to promulgate special information with the least possible delay. The first circular was published in 1881, and at the time when the present list was sent to the Printing Office this series contained fifty numbers.

None of the above-mentioned publications are sold by the Museum, but when the Museum can not supply them, persons desiring to purchase are advised to write to the Superintendent of Documents, Union Building, Washington, D. C.

Occasionally the Museum exchanges its publications for desirable specimens.

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- 510— | Report | of the | Assistant Director | of the | U. S. National
Museum, | G. Brown Goode, | for the year 1881. | ——— | From
the Smithsonian Report for 1881. | ——— | Washington: | Govern-
ment Printing Office. | 1883.

8vo., pp. 1-79.

Report of Assistant Director	pp. 1-30.
List of officers	p. 31.
Bibliography	pp. 31-50.
List of contributors	pp. 51-79.

This was the first report on the operations of the National Museum printed under a separate cover. The reports of the Museum for 1881, 1882, and 1883, were first printed in the reports of the Institution for those years, and were afterwards issued in pamphlet form.

The Museum Report for 1884 was the first one to occupy a separate volume of the Smithsonian Report, and to be accompanied by papers based upon the collections.

- 524— | Report | of the | Assistant Director | of the | U. S. National
Museum, | G. Brown Goode, | for the year 1882. | ——— | From
the Smithsonian Report, 1882. | ——— | Washington: | Govern-
ment Printing Office. | 1883.

8vo., pp. 1-145.

Report of Assistant Director	pp. 1-48.
List of officers	p. 49.
Bibliography	pp. 49-76.
Accessions	pp. 77-113.
List of contributors	pp. 113-145.

- 587— | Report | of the | Assistant Director | and of | the Curators |
of the | U. S. National Museum | for | the year 1883. | ——— |
From the Smithsonian Report for 1883. | ——— | Washington: |
Government Printing Office. | 1885.

8vo., pp. 1-200.

Report of the Assistant Director	pp. 1-30.
Reports of curators	pp. 30-114.
Materia Medica. By J. M. Flint.	pp. 30-35.
Foods and Textile Industries. By Romyn Hitchcock.	pp. 36-38.
Antiquities. By Charles Rau.	pp. 38-47.
Mammals. By Frederick W. True.	pp. 48-60.
Birds. By Robert Ridgway.	pp. 60-65.

Reptiles.	By H. C. Yarrow.	pp. 65-68.
Fishes.	By Tarleton H. Bean.	pp. 68-79.
Insects.	By C. V. Riley.	pp. 79-84.
Mollusks.	By Wm. H. Dall.	pp. 84-90.
Marine Invertebrates.	By Richard Rathbun.	pp. 90-100.
Fossil Invertebrates (Mesozoic and Cenozoic).	By C. A. White.	pp. 100-101.
Fossil Invertebrates (Paleozoic).	By Chas. D. Walcott.	pp. 101-103.
Fossil Plants.	By Lester F. Ward.	p. 103.
Lithology and Physical Geology.	By George P. Merrill.	pp. 103-106.
Minerals.	By F. W. Clarke.	pp. 106-108.
Metallurgy and Economic Geology.	By Fred P. Dewey.	pp. 108-111.
List of officers.....		p. 115.
Bibliography		pp. 116-161.
List of contributors.....		pp. 162-200.

Annual Report | of the | Board of Regents | of the | Smithsonian
Institution, | showing | the operations, expenditures, and condi-
tion | of the Institution | for the year 1884. | ——— | Part
II. | ——— | Washington: | Government Printing Office. | 1885.

8vo., pp. ix, 1-458, 105 pls.

Beginning with this year and continuing until 1892, the reports consist of Part I, Report of the Assistant Director [after 1885 this title was changed to Assistant Secretary]; Part II, Reports of the Curators and Acting Curators; Part III, Papers based on collections in the National Museum; Part IV, Bibliography; Part V, List of accessions to the Museum.

Report of Assistant Director	pp. 1-72.
Reports of curators.....	pp. 75-276.
Materia Medica.	By H. G. Beyer. pp. 75-77.
Textile Industries.	By Romyn Hitchcock. pp. 79-84.
Naval Architecture.	By Joseph W. Collins. pp. 85-106.
Foods.	By Romyn Hitchcock. pp. 107-108.
Ethnology.	By Otis T. Mason. pp. 109-120.
American Aboriginal Pottery.	By William H. Holmes. pp. 121-122.
Antiquities.	By Charles Rau. pp. 123-127.
Mammals.	By Frederick W. True. pp. 129-142.
Birds.	By Robert Ridgway. pp. 143-155.
Herpetology.	By H. C. Yarrow. pp. 157-160.
Fishes.	By Tarleton H. Bean. pp. 161-178.
Mollusks.	By William H. Dall. pp. 179-184.
Insects.	By C. V. Riley. pp. 185-188.
Marine Invertebrates.	By Richard Rathbun. pp. 189-202.
Invertebrate Fossils (Paleozoic).	By C. D. Walcott. pp. 203-214.
Invertebrate Fossils (Mesozoic and Cenozoic).	By C. A. White. pp. 215-217.
Fossil Plants.	By Lester F. Ward. pp. 219-220.
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Lithology and Physical Geology.	By George P. Merrill. pp. 227-238.
Metallurgy and Economic Geology.	By Frederick P. Dewey. pp. 239-276.
Papers illustrating the collections	pp. 277-335.
Bibliography	pp. 337-381.
Accessions.....	pp. 383-428.

Annual Report | of the | Board of Regents | of the | Smithsonian
Institution, | showing | the operations, expenditures, and con-
dition | of the Institution | to July, 1885.¹ | ——— | Part
II. | ——— | Washington: | Government Printing Office. | 1886.

8vo., pp. xi, 1-264; vii, 1-939, 144 pls.

Report of Assistant Director	pp. 1-54.
Reports of curators	pp. 55-147.
Materia Medica. By H. G. Beyer.	pp. 57-58.
Textile Industries. By Romyne Hitchcock.	pp. 59-60.
Foods. By Romyne Hitchcock.	p. 61.
Ethnology. By Otis T. Mason.	pp. 63-67.
American Prehistoric Pottery. By W. H. Holmes.	p. 69.
Antiquities. By Charles Rau.	pp. 71-78.
Mammals. By Frederick W. True.	pp. 79-84.
Birds. By Robert Ridgway.	pp. 85-91.
Reptiles and Batrachians. By H. C. Yarrow.	pp. 93-94.
Fishes. By Tarleton H. Bean.	pp. 95-98.
Comparative Anatomy. By Frederick W. True.	pp. 99-102.
Mollusks. By William Healey Dall.	pp. 103-111.
Insects. By C. V. Riley.	pp. 113-116.
Marine Invertebrates. By Richard Rathbun.	pp. 117-127.
Invertebrate Fossils (Paleozoic). By C. D. Walcott.	pp. 129-132.
Invertebrate Fossils (Meso-Cenozoic). By Charles A. White.	p. 133.
Plants. By Lester F. Ward.	pp. 135-136.
Minerals. By F. W. Clarke.	pp. 137-138.
Lithology and Physical Geology. By George P. Merrill.	pp. 139-142.
Metallurgy and Economic Geology. By F. P. Dewey.	pp. 143-147.
Bibliography	pp. 149-174.
List of accessions	pp. 175-243.
Paper on the George Catlin Indian Gallery	pp. 1-939.

Annual Report | of the | Board of Regents | of the | Smithsonian Insti-
tution, | showing | the operations, expenditures, and condition | of
the Institution | for the | year ending June 30, 1886, | ——— | Part
II. | ——— | Washington: | Government Printing Office. | 1889.

8vo., pp. xi, 1-842, 16 pls., 23 figs.

Report of Assistant Secretary	pp. 1-83.
Reports of curators	pp. 85-252.
Ethnology. By Otis T. Mason.	pp. 87-96.
American Aboriginal Pottery. By W. H. Holmes.	pp. 97-100.
Archæology. By Charles Rau.	pp. 101-112; 4 pls., 20 figs.
Foods and Textiles. By Romyne Hitchcock.	pp. 113-118.
Steam Transportation. By J. Elfret Watkins.	pp. 119-141; 5 pls., 9 figs.
Materia Medica. By H. G. Beyer.	pp. 143-145.
Mammals. By Frederick W. True.	pp. 147-152.
Birds. By Robert Ridgway.	pp. 153-162.
Birds' Eggs. By Charles Bendire.	pp. 163-164.
Reptiles and Batrachians. By H. C. Yarrow.	pp. 165-166.
Fishes. By Tarleton H. Bean.	pp. 167-172.
Mollusks (including Cenozoic Fossils). By Wm. H. Dall.	pp. 173-179.
Insects. By C. V. Riley.	pp. 181-197; 1 pl., 5 figs.

¹ It having been decided to issue future reports by the fiscal year instead of by the calendar year, this volume covers only the first six months of the year 1885.

Marine Invertebrates.	By Richard Rathbun.	pp. 199-207.
Comparative Anatomy.	By Frederick W. True.	pp. 209-213.
Invertebrate Fossils.	By C. D. Walcott.	pp. 215-227.
Invertebrate Fossils (Mesozoic).	By C. A. White.	pp. 229-230.
Fossil Plants.	By Lester F. Ward.	p. 231.
Recent Plants.	By Lester F. Ward.	pp. 233-235.
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Annual Report | of the | Board of Regents | of the | Smithsonian Institution, | showing | the operations, expenditures, and condition | of the Institution | for the | year ending June 30, 1887. | ——— | Part II, | ——— | Washington: | Government Printing Office. | 1889.

8vo., pp. xviii, 1-771, 32 pls., 125 figs.

Report of Assistant Secretary	pp. 1-62.
Reports of curators.....	pp. 63-558.
Ethnology.	By Otis T. Mason. pp. 65-75.
American Aboriginal Pottery.	By W. H. Holmes. pp. 77-78.
Transportation.	By J. Elfreth Watkins. pp. 79-81; 1 pl., 2 figs.
Archæology.	By Charles Rau. pp. 83-85.
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Birds.	By Robert Ridgway. pp. 95-100.
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Insects.	By C. V. Riley. pp. 117-123.
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8vo., pp. xxii, 1-876, 108 pls., 2 charts, 174 figs., 4 diagrams, 1 map.

Report of Assistant Secretary	pp. 1-84.
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American Aboriginal Pottery. By W. H. Holmes.	pp. 105.
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Historical Relics, Coins, Medals, etc. By A. Howard Clark.	pp. 115-116.
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 tution | showing | the operations, expenditures, and condition |
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 Report | of the | National Museum. | — | Washington: | Gov-
 ernment Printing Office. | 1891.

pp. xvii, 1-883, Appendix E, pp. 1-50; 107 pls., 137 figs., 7 maps.

Report of Assistant Secretary	pp. 1-277.
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Prehistoric Anthropology. By Thomas Wilson.	pp. 317-339; 6 pls.
American Aboriginal Pottery. By W. H. Holmes.	p. 341.
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ington: | Government Printing Office. | 1891.

pp. xviii, 1-811, 163 pls., 99 figs.

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tion | of the Institution | for the | year ending June 30, 1891. |
— | Report | of the | U. S. National Museum. | — | Wash-
ington: | Government Printing Office. | 1892.

8vo., pp. xvii, 1-869, 84 pls., 151 figs., 3 diagrams.

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Fishes. By Tarleton H. Bean.	pp. 219-221.
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Institution, | showing | the operations, expenditures, and condi-
tion | of the Institution | for the | year ending June 30, 1892. |
— | Report | of the | U. S. National Museum. | — | Wash-
ington: | Government Printing Office. | 1893.

8vo., pp. xv, 1-620, 103 pls., 5 figs.

Report of Assistant Secretary	pp. 1-97.
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— | Report | of the | U. S. National Museum. | — | Wash-
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8vo., pp. xxi, 1-794, 188 pls., 116 figs.

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— | Report | of the | U. S. National Museum. | — | Wash-
ington: | Government Printing Office. | 1896.

8vo., pp. xxvi, 1-1030, 57 pls., 851 figs., 1 chart, 1 map.

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ington: | Government Printing Office. | 1897.

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— | Washington: | Government Printing Office. | 1901.

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This volume constitutes a memorial to Dr. G. Brown Goode.

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- R. 3. A study of the Eskimo bows in the U. S. National Museum.
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- R. 9. Report upon the exhibit made by the Smithsonian Institution at the New Orleans Exposition (including Louisville and Cincinnati). By R. Edward Earll. (Part of the Report of the Assistant Secretary.)
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- R. 10. The meteorite collection in the U. S. National Museum: A catalogue of meteorites represented November 1, 1886. By F. W. Clarke.
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- R. 19. Ethno-conchology: A study of primitive money. By Robert E. C. Stearns.
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- R. 22. The preservation of museum specimens from insects and the effect of dampness. By Walter Hough.
pp. 549-558, 4 figs.

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- R. 23. Report upon the participation of the Smithsonian Institution in the Industrial Exposition at Minneapolis, 1887. By William V. Cox. (Part of the Report of the Assistant Secretary.)
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- R. 25. A catalogue of the Hoppisley collection of Chinese porcelains; with a sketch of the history of ceramic art in China. By Alfred E. Hoppisley.
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- R. 27. Fire-making apparatus in the U. S. National Museum. By Walter Hough.
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- R. 28. The collection of Korean mortuary pottery in the U. S. National Museum. By Pierre Louis Jouy.
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- R. 29. A study of prehistoric anthropology: Handbook for beginners. By Thomas Wilson.
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- R. 30. Ancient Indian matting, from Petit Anse Island, Louisiana. By Thomas Wilson.
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- R. 31. Results of an inquiry as to the existence of man in North America during the paleolithic period of the Stone Age. By Thomas Wilson.
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This report consists of a letter addressed to the Secretary of the Smithsonian Institution and inclosing Appendix A: Report upon the exhibit of the Smithsonian Institution, including the U. S. National Museum, at the Centennial Exposition of the Ohio Valley and Central States, held at Cincinnati, Ohio, in 1888. By R. Edward Earll. Appendix B: Report upon the exhibit of the Smithsonian Institution, including the U. S. National Museum, at the Centennial Exposition, Marietta, Ohio, July 16 to 21, 1888. By William V. Cox.
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- R. 42. Explorations in Newfoundland and Labrador in 1887, made in connection with the cruise of the U. S. Fish Commission schooner *Grampus*. By Frederic A. Lucas.
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- R. 43. On a bronze Buddha in the U. S. National Museum. By Charles De Kay.
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- R. 44. Preliminary handbook of the Department of Geology in the U. S. National Museum. By George P. Merrill. (Appendix E.)
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pp. 385-394, 4 pls., 3 figs.
- R. 47. The methods of fire-making. By Walter Hough.
pp. 395-409, 1 pl., 13 figs.
- R. 48. Ulu, or Woman's knife, of the Eskimo. By Otis T. Mason
pp. 411-416, 21 pls.
- R. 49. The ancient Pit-dwellers of Yezo. By Romyn Hitchcock.
pp. 417-427, 8 pls., 4 figs.

¹ A lecture delivered before the Brooklyn Institute, February 28, 1889.

- R. 50. The Ainos of Yezo, Japan. By Romyn Hitchcock.
pp. 429-502, 37 pls., 21 figs.
- R. 51. Handbook for the Department of Geology in the U. S. National Museum. Part I. Geognosy. The materials of the earth's crust. By George P. Merrill.
pp. 503-591, 12 pls., 10 figs.
- R. 52. The Catlin collection of Indian paintings.¹ By Washington Matthews, U. S. A.
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- R. 53. The log of the *Savannah*. By J. Elfreth Watkins.
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- R. 55. The genesis of the National Museum. By G. Brown Goode.
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- R. 59. The ancient burial mounds of Japan. By Romyn Hitchcock.
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- R. 60. Some ancient relics in Japan. By Romyn Hitchcock.
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- R. 61. Prehistoric naval architecture of the north of Europe. By George H. Boehmer.
pp. 527-647, 17 pls., 126 figs.
- R. 62. First draft of a system of classification for the World's Columbian Exposition. By G. Brown Goode.
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- R. 63. Japanese wood-cutting and wood-cut printing. By T. Tokuno.
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- R. 64. The relation of biology to geological investigation. By Charles A. White.
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- R. 65. Scientific taxidermy for museums. (Based on a study of the United States Government collections.) By R. W. Shufeldt.
pp. 369-436, 84 pls.

¹ Reprint of a lecture delivered in the National Museum on April 13, 1889.

- R. 66. The shofar—its use and origin. By Cyrus Adler.
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- R. 72. The World's Columbian Exposition. (Part of the Report of the Assistant Secretary.)
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- R. 74. Chinese games with dice and dominoes. By Stewart Culin.
pp. 489-537, 12 pls., 33 figs.
- R. 75. The onyx marbles; their origin, composition, and uses, both ancient and modern. By George P. Merrill.
pp. 539-585, 18 pls.
- R. 76. The cowbirds. By Charles Bendire.
pp. 587-624, 3 pls.
- R. 77. Primitive American armor. By Walter Hough.
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- R. 78. The weapons and wings of birds. By Frederic A. Lucas.
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- R. 79. Notes on the ethnology of Tibet. By William Woodville Rockhill.
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- R. 80. Two Persepolitan casts in the U. S. National Museum. By Cyrus Adler.
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- R. 81. Museum collections to illustrate religious history and ceremonies. By Cyrus Adler.
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- R. 82. If public libraries, why not public museums?¹ By Edward S. Morse.
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¹Reprinted from The Atlantic Monthly, July, 1893, pp. 112-119.

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- R. 83. Primitive travel and transportation. By Otis Tufton Mason.
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- R. 84. Mancala, the national game of Africa. By Stewart Culin.
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- R. 87. A study of the primitive methods of drilling. By J. D.
McGuire.
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- R. 88. The swastika, the earliest known symbol, and its migrations;
with observations on the migration of certain industries in
prehistoric times. By Thomas Wilson.
pp. 757-1011, 25 pls., 374 figs., 1 map, 1 chart.

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- R. 89. The social organization and the secret societies of the Kwakiutl
Indians. By Franz Boas.
pp. 311-738, 51 pls., 215 figs.
- R. 90. The graphic art of the Eskimos. By Walter James Hoffman.
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- R. 98. Prehistoric art; or, the origin of art as manifested in the works
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pp. 325-664, 75 pls., 325 figs.

- R. 99. Chess and playing cards: catalogue of games and implements for divination exhibited by the United States National Museum in connection with the Department of Archæology and Paleontology of the University of Pennsylvania at the Cotton States and International Exposition, Atlanta, Georgia, 1895. By Stewart Culin.
pp. 665-942, 50 pls., 226 figs.
- R. 100. Biblical antiquities: A description of the exhibit at the Cotton States International Exposition at Atlanta, 1895. By Cyrus Adler and I. M. Casanowicz.
pp. 943-1023, 46 pls.
- R. 101. The lamp of the Eskimo. By Walter Hough.
pp. 1025-1057, 24 pls., 4 figs.

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- R. 102. Recent foraminifera: A descriptive catalogue of specimens dredged by the U. S. Fish Commission steamer *Albatross*. By James M. Flint, U. S. N.
pp. 249-349, 80 pls.
- R. 103. Pipes and smoking customs of the American aborigines, based on material in the U. S. National Museum. By Joseph D. McGuire.
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- R. 104. Catalogue of the series illustrating the properties of minerals. By Wirt Tassin.
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- R. 106. The man's knife among the North American Indians: A study in the collections of the U. S. National Museum. By Otis Tufton Mason.
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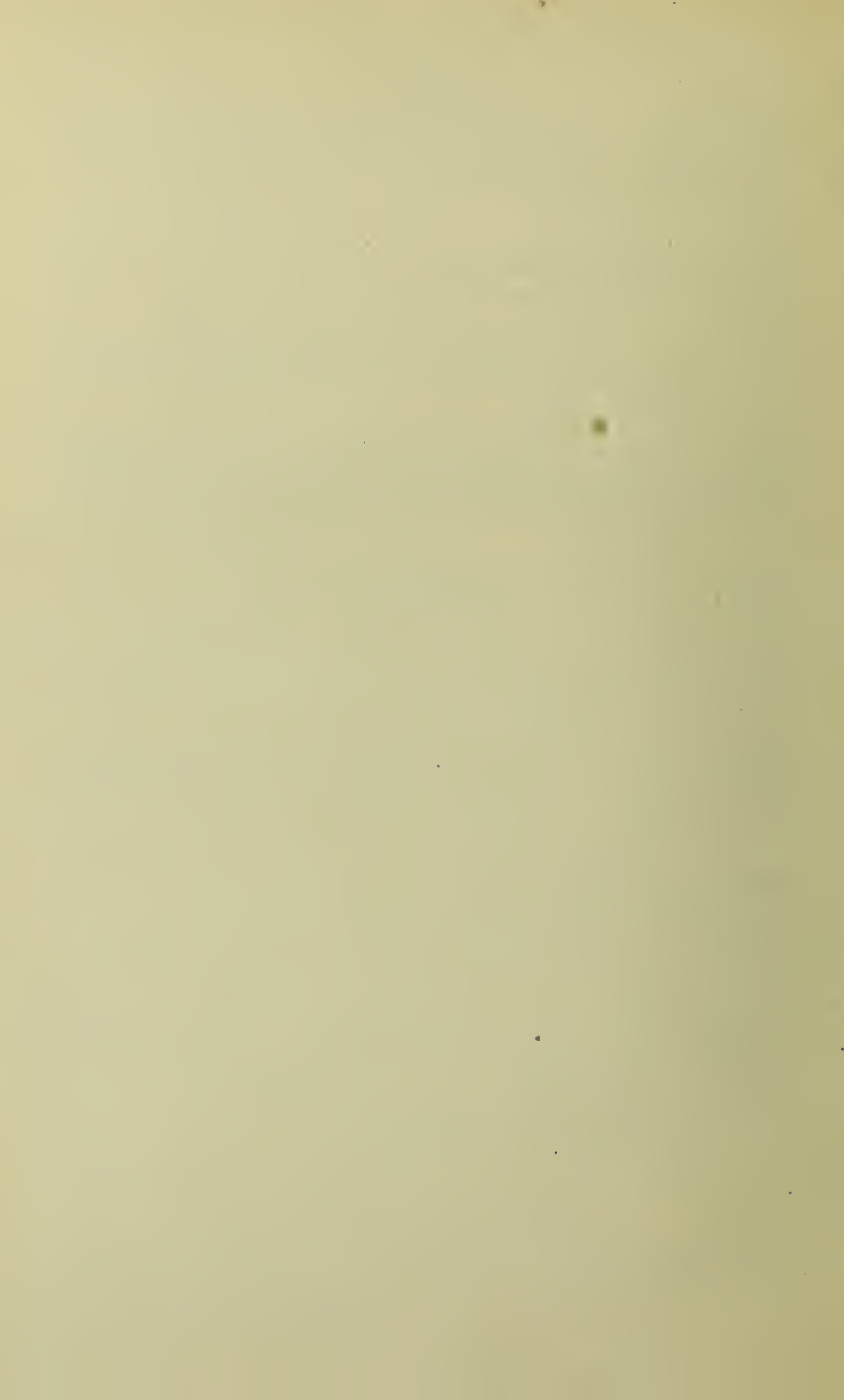
- R. 109. Future development of the National Museum. (Part of the Report of the Acting Assistant Secretary.)
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- R. 110. The crocodilians, lizards, and snakes of North America. By Edward Drinker Cope.
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- R. 111. Guide to the study of the collections in the section of applied geology: The non-metallic minerals. By George P. Merrill.
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- R. 112. A primitive frame for weaving narrow fabrics. By Otis Tufton Mason.
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- R. 113. An early West Virginia pottery. By Walter Hough.
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- R. 114. Pointed bark canoes of the Kutenai and Amur. By Otis Tufton Mason. (With notes on the Kutenai canoe by Meriden S. Hill.)
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pp. 539-561, 36 pls.

1900.

- R. 116. Anthropological studies in California. By W. H. Holmes.
pp. 155-187, 50 pls.
- R. 117. Aboriginal American harpoons: A study in ethnic distribution and invention. By Otis T. Mason.
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- R. 118. A sketch of the history of the ceramic art in China, with a catalogue of the Hhipisley collection of Chinese porcelains. By Alfred E. Hhipisley.
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- R. 119. Contributions to the history of musical scales. By Charles K. Wead.
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- R. 120. A collection of Hopi ceremonial pigments. By Walter Hough.
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- R. 121. Descriptive catalogue of the collections of gems in the U. S. National Museum. By Wirt Tassin.
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- R. 122. Descriptive catalogue of the meteorite collection in the U. S. National Museum. By Wirt Tassin.
pp. 671-698, 4 pls.



III.—PROCEEDINGS OF THE U. S. NATIONAL MUSEUM.¹
[VOLUMES I-XXIII.]

VOLUME I, CONTAINING PAPERS 1-61.

Department of the Interior: | U. S. National Museum. | — 17 — |
Proceedings | of the | United States National Museum. | Vol. 1. |
1878. | — | Published under the direction of the Smith-
sonian Institution. | — | Washington: | Government Printing
Office. | 1879.

8vo., pp. iv, 1-520, 8 pls., 7 figs.

- P. 1. Descriptions of new forms of mollusks from Alaska contained in the collections of the National Museum. By William H. Dall.
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- P. 2. Postpliocene fossils in the coast range of California. By William H. Dall.
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- P. 3. Notes on the American species of the genus *Cybium*. By Felipe Poey.
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- P. 4. The *Chupea tyrannus* of Latrobe. By G. Brown Goode.
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- P. 5. The occurrence of *Belone latimannus* in Buzzard's Bay, Massachusetts. By G. Brown Goode.
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- P. 8. Fossil mollusks from later tertiaries of California. By William H. Dall.
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- P. 12. Arsenic acid for protecting anatomical preparations from insects. By J. B. S. Jackson.
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- P. 13. The oceanic bonito on the coast of the United States. By G. Brown Goode and Tarleton H. Bean.
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- P. 15. A revision of the American species of the genus *Brevoortia*, with a description of a new species from the Gulf of Mexico. By G. Brown Goode.
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- P. 16. Description of *Caulolatilus microps*, a new species of fish from the coast of Florida. By G. Brown Goode and Tarleton H. Bean.
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- P. 17. The occurrence of *Hippocampus antiquorum*, or an allied form, on Saint George's Banks. By G. Brown Goode.
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- P. 18. Descriptions of new species of shells from California in the collections of the National Museum. By William H. Dall.
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- P. 19. Catalogue of the birds of Dominica from collections made for the Smithsonian Institution by Frederick A. Ober, together with his notes and observations. By George N. Lawrence.
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- P. 20. Notes on a collection of fishes from Clackamas River, Oregon. By David S. Jordan.
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- P. 21. A review of the American species of the genus *Scops*, Savigny. By Robert Ridgway.
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- P. 22. Notes on the ornithology of southern Texas, being a list of birds observed in the vicinity of Fort Brown, Texas, from February, 1876, to June, 1878. By James C. Merrill.
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- P. 23. On a serranoid fish, *Epinephelus drummond-hayi*, from the Bermudas and Florida. By G. Brown Goode and Tarleton H. Bean.
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- P. 24. Descriptions of two new species of fishes, *Lutjanus blackfordii* and *Lutjanus stearnsii*, from the coast of Florida. By G. Brown Goode and Tarleton H. Bean.
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- P. 27. Catalogue of the birds of Saint Vincent, from collections made by Mr. Fred. A. Ober, under the directions of the Smithsonian Institution, with his notes thereon. By George N. Lawrence.
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- P. 28. Description of a new sparoid fish, *Sargus holbrookii*, from Savannah Bank. By Tarleton H. Bean.
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- P. 39. Description of two new species of birds from Costa Rica, and notes on other rare species from that country. By Robert Ridgway.
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- P. 40. Description of two gadoid fishes, *Phycis chesteri* and *Haloporphyrus viola*, from the deep-sea fauna of the northwestern Atlantic. By G. Brown Goode and Tarleton H. Bean.
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- P. 44. The occurrence of the Canada porcupine in West Virginia. By G. Brown Goode.
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- P. 45. Catalogue of the birds of Grenada, from a collection made by Mr. Fred. A. Ober, for the Smithsonian Institution, including others seen by him, but not obtained. By George N. Lawrence.
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- P. 56. A partial list of the birds of central California. [Edited by R. Ridgway.] By L. Belding.
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- P. 60. Descriptions of new species and races of American birds, including a synopsis of the genus *Tyrannus* Cuvier. By Robert Ridgway.
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Department of the Interior: | U. S. National Museum. | — 19 — |
 Proceedings | of the | United States National Museum. | Vol. II.
 | 1879. | — | Published under the direction of the Smithsonian
 Institution. | — | Washington: | Government Printing Office.
 | 1880.

8vo., pp. iv, 1-499, 7 pls., 2 figs.

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- P. 62. Notes on the nests and eggs of the eight North American species of *Empidonax*. By T. M. Brewer.
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- P. 63. A list of European fishes in the collection of the United States National Museum. By Tarleton H. Bean.
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- P. 64. Description of a species of *Lycodes* (*L. paxillus*), obtained by the United States Fish Commission. By G. Brown Goode and Tarleton H. Bean.
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- P. 65. Description of a new species of *Liparis* (*L. ranula*), obtained by the United States Fish Commission off Halifax, Nova Scotia. By G. Brown Goode and Tarleton H. Bean.
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- P. 66. Description of a new species of amber fish (*Seriola stearnsii*), obtained near Pensacola, Florida, by Mr. Silas Stearns. By G. Brown Goode and Tarleton H. Bean.
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- P. 73. A preliminary catalogue of the fishes of the Saint John's River and the east coast of Florida, with descriptions of a new genus and three new species. By G. Brown Goode.
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- P. 74. Catalogue of a collection of fishes sent from Pensacola, Florida, and vicinity, by Mr. Silas Stearns, with description of six new species. By G. Brown Goode and Tarleton H. Bean.
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- P. 75. Notes on New England Isopoda. By Oscar Harger.
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- P. 76. Notice of recent additions to the marine invertebrata, of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. (Part I. Annelida, Gephyræa, Nemertina, Nematoda, Polyzoa, Tunnicata, Mollusca, Anthozoa, Echinodermata, Porifera.) By A. E. Verrill.
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- P. 77. Description of a new genus and species of fish, *Lopholatilus chamaeleonticeps*, from the south coast of New England. By G. Brown Goode and Tarleton H. Bean.
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¹For lists of the specimens contained in Series II, III, IV, see Nos. 230, 231, 371; and in Series V, see Rep. U.S.N.M., 1895, pp. 292-298.

- P. 87. A study of the trunk-fishes (Ostraciontidae), with notes upon the American species of the family. By G. Brown Goode.
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- P. 100. Descriptions of some genera and species of Alaskan fishes. By Tarleton H. Bean.
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- P. 101. Fourth installment of ornithological bibliography; being a list of faunal publications relating to British birds. By Elliott Cones.
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 Proceedings | of the | United States National Museum. | Vol.
 III. | 1880. | — | Published under the direction of the Smith-
 sonian Institution. | — | Washington: | Government Printing
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- P. 102. Revisions of nomenclature of certain North American birds.
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- P. 122. Description of a new species of Agonidae (*Brachyopsis verrucosus*), from the coast of California. By W. N. Lockington.
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- P. 123. Description of a new genus and some new species of California fishes (*Icesteus enigmaticus* and *Osmerus attenuatus*).
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- P. 127. Check-list of duplicates of North American fishes distributed by the Smithsonian Institution in behalf of the United States National Museum, 1877-1880.¹ By Tarleton H. Bean.
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- P. 132. Description of two new species of *Sebastichthys* (*Sebastichthys entomelas* and *Sebastichthys rhodochloris*), from Monterey Bay, California. By David S. Jordan and Charles H. Gilbert.
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¹ For list of fishes distributed in 1881 see No. 185. The list of a later distribution is printed in the Rep. U. S. Nat. Mus., 1895, pp. 278-280.

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- P. 143. The eulachon or candle-fish of the northwest coast. By James G. Swan.
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- P. 144. Description of two new species of fishes (*Ascelichthys rhodorus* and *Scytalina cerdale*), from Neah Bay, Washington territory. By David S. Jordan and Charles H. Gilbert.
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Great international fisheries exhibition. London, 1883. United States of America. A. Preliminary catalogue and synopsis of the collections exhibited by the United States Fish Commission and by special exhibitors. With a concordance to the official classification of the exhibition. 8vo., 1883, pp. 1-105.

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- Great international fisheries exhibition. London, 1883. United States of America. I. Catalogue of the collection illustrating the fishing vessels and boats, and their equipment; the economic condition of fishermen; anglers' outfits, etc. By Capt. J. W. Collins, assistant, U. S. Fish Commission. 8vo., 1884, pp. 645-823.
- Great international fisheries exhibition. London, 1883. United States of America. J. Catalogue of the apparatus for the capture of fish exhibited by the United States National Museum. By R. Edward Earll, curator of the fisheries collections, U. S. National Museum, and assistant U. S. Fish Commission. 8vo., 1884, pp. 825-1030.
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- B. 31. Bulletin of the United States National Museum. No. 31. Synopsis of the North American Syrphidæ. By Samuel W. Williston, M. D., Ph. D.
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¹For supplementary list, see P. 1135.

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- B. 47. The fishes of North and Middle America: A descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama. By David Starr Jordan, Ph. D., president of the Leland Stanford Junior University, and Barton Warren Evermann, Ph. D., ichthyologist of the United States Fish Commission.

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- B. 49. The published writings of Philip Lutley Selater, 1844-1896.
Prepared under the direction of G. Brown Goode.

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- B. 50. The birds of North and Middle America: A descriptive catalogue of the higher groups, genera, species, and subspecies of birds known to occur in North America, from the Arctic lands to the Isthmus of Panama, the West Indies and other islands of the Caribbean Sea, and the Galapagos Archipelago. By Robert Ridgway, curator, division of birds. Part I. Family Fringillidæ—The Finches.

8vo., 1901, pp. i-xxx, 1-715, 20 pls. (Additional parts in preparation.)

V. SPECIAL BULLETINS OF THE U. S. NATIONAL MUSEUM.

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- I. Smithsonian Institution. | United States National Museum. | Special Bulletin No. 1. | — | Life histories | of | North American birds | with special reference to | their breeding habits and eggs, | with | twelve lithographic plates. | By | Charles Bendire, captain, U. S. Army (retired), | Honorary Curator of the Department of Oölogy, U. S. National Museum, | member of the American Ornithologists' Union. | — | Washington: | Government Printing Office | 1892.

4to., pp. viii, 1-446, 12 pls.

- II. Smithsonian Institution. | United States National Museum. | — | Special Bulletin. | — | Oceanic Ichthyology, | a treatise on the | deep-sea and pelagic fishes of the world, | based chiefly upon | the collections made by the steamers Blake, Albatross, | and Fish Hawk in the Northwestern Atlantic, | with | an atlas containing 417 figures, | By | George Brown Goode, Ph. D., LL. D., | Assistant Secretary, Smithsonian Institution, in charge of U. S. National Museum, | and | Tarleton H. Bean, M. D., M. S., | Director of the New York Aquarium. | — | Washington: | Government Printing Office. | 1895.

4to., Vol. I, pp. xxxv, 1-553, 24 figs., 1 diagram; Vol. II, pp. xxiii, 1-26, 123 pls.

- III. Smithsonian Institution. | United States National Museum. | Special Bulletin. | — | Life histories | of | North American birds, | from the parrots to the grackles, | with special reference to | their breeding habits and eggs, | By | Charles Bendire, captain and brevet major, U. S. A. (retired), | Honorary Curator of the Department of Oölogy, U. S. National Museum | member of the American Ornithologists' Union. | with | seven lithographic plates. | — | Washington: | Government Printing Office. | 1895.

4to., pp. ix, 1-518, 7 pls.

- IV. Smithsonian Institution. | United States National Museum. | — | Special Bulletin. | — | American Hydroids. | — | Part I. | The Plumularidæ, | with thirty-four plates. | By | Charles Cleveland Nutting, | Professor of Zoology, University of Iowa. | — | Washington: | Government Printing Office. | 1900.

4to., pp. ii, 1-285, 34 pls., 124 figs.

VI. CIRCULARS OF THE U. S. NATIONAL MUSEUM.¹

(NOS. 1-50.)

- C. 1. Organization of the U. S. National Museum. By G. Brown Goode.
8vo., 1881, pp. 1-58.
- C. 2. Circular addressed to friends of the Museum. By Spencer F. Baird.
8vo., 1881, pp. 1-2.
- C. 3. Circular in reference to petroleum collections. By Spencer F. Baird.
8vo., 1881, pp. 1-2.
- C. 4. Circular concerning the department of insects. By Spencer F. Baird.
8vo., 1881, 1 page.
- C. 5. Establishment and officers.
8vo., 1881, pp. 1-2.
- C. 6. Classification and arrangement of the materia medica collection.
By James M. Flint, U. S. N.
8vo., 1881, pp. 1-2.
- C. 7. A classification of the forms in which drugs and medicines appear and are administered. By James M. Flint, U. S. N.
8vo., 1881, pp. 1-7.
- C. 8. Memoranda for collectors of drugs for the materia medica section of the National Museum. By James M. Flint, U. S. N.
8vo., 1881, pp. 1-2.
- C. 9. Circular in reference to the building-stone collection. By Spencer F. Baird.
8vo., 1881, pp. 1-6.
- C. 10. Two letters on the work of the National Museum. By Barnet Phillips.
8vo., 1881, pp. 1-10.
- C. 11. A provisional classification of the food collections. By G. Brown Goode.
8vo., 1881, pp. 1-22.
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¹ Circulars 1-18 reprinted in Proceedings U. S. National Museum, Volume IV. Circulars 19-23 reprinted in Proceedings U. S. National Museum, Volume VI. Circulars 24-31 reprinted in Proceedings U. S. National Museum, Volume VII. Circulars 32-33 reprinted in Proceedings U. S. National Museum, Volume VIII. Circular 35 reprinted in Report U. S. National Museum, 1886, p. 25. Circular 37 reprinted in Proceedings U. S. National Museum, Volume X.

- C. 12. Classification of the collection to illustrate the art of taxidermy.
By William T. Hornaday.
8vo., 1881, pp. 1-2.
- C. 13. Outline of a scheme of museum classification. By G. Brown Goode.
8vo., 1881, pp. 1-4.
- C. 14. Circular requesting material for the library. By Spencer F. Baird.
8vo., 1881, pp. 1-3.
- C. 15. The organization and objects of the National Museum.
8vo., 1881, pp. 1-4.
- C. 16. Plans for the installation of collections.
8vo., 1881, pp. 1-2.
- C. 17. Contributions and their acknowledgment.
8vo., 1881, 1 page.
- C. 18. List of publications of the United States National Museum.
8vo., 1881, pp. 1-12.
- C. 19. Classification of the materia medica collection of the U. S. National Museum, and catalogue of specimens. By James M. Flint, U. S. N.
8vo., 1883, pp. 1-45.
- C. 20. Request for specimens of drugs and information concerning them. By Spencer F. Baird.
8vo., 1883, 1 page.
- C. 21. Circular relative to contributions of aboriginal antiquities to the U. S. National Museum. By Charles Rau.
8vo., 1883, 5 pp.
- C. 22. Brief directions for removing and preserving the skins of mammals. By William T. Hornaday.
8vo., 1883, 7 pp., 4 figs.
- C. 23. Instructions for taking paper molds of inscriptions in stone, wood, bronze, etc. Prepared by A. P. Niblack, U. S. N.
8vo., 1883, 5 pp.
- C. 24. Plan of a collection to illustrate the textile industries of the United States, to be exhibited at the World's Industrial and Cotton Centennial Exposition of 1884-85, at New Orleans. By Romyn Hitchcock.
8vo., 1884, pp. 1-16.
- C. 25. Preliminary plan for a collection of the building and ornamental stones and rocks of the United States, to be exhibited at the World's Industrial and Cotton Centennial Exposition of 1884-85, at New Orleans. By George P. Merrill.
8vo., 1884, pp. 1-2.
- C. 26. Plan for a collection of gems and precious stones, to be exhibited at the Cincinnati Industrial Exposition and the World's Industrial and Cotton Centennial Exposition of 1884-85, at New Orleans. By F. W. Clarke.
8vo., 1884, pp. 1-2.

- C. 27. Directions for collecting, preserving, and transporting tortricids and other small moths. By C. H. Fernald.
8vo., 1884, pp. 1-3.
- C. 28. Directions for mound exploration. By Cyrus Thomas.
8vo., 1884, pp. 1-3.
- C. 29. Provisional plan for a collection of mammals to be exhibited at the World's Industrial and Cotton Centennial Exposition of 1884-85, at New Orleans. By Frederick W. True.
8vo., 1884, pp. 1-27.
- C. 30. A list of birds the eggs of which are wanted to complete the series in the National Museum, with instructions for collecting eggs. By Charles E. Bendire, U. S. A.
8vo., 1884, 4 pp.
- C. 31. Plan to illustrate the mineral resources of the United States and their utilization, at the World's Industrial and Cotton Centennial Exposition of 1884-85, at New Orleans. By Fred. P. Dewey.
8vo., 1884, 8 pp.
- C. 32. Classification of the materia medica collection of the U. S. National Museum, and catalogue of specimens. By James M. Flint, U. S. N. (Revised and extended by Dr. Henry G. Beyer, U. S. N.)
8vo., 1885, pp. 1-39.
- C. 33. Notes on the preparation of rough skeletons. By Frederic A. Lucas.
8vo., 1885, pp. 1-8, 12 figs.
- C. 34. Circular for the guidance of persons desiring to make exchanges of birds or birds' eggs with the National Museum.
8vo., 1886, 1 page.
- C. 35. Concerning the lending of type specimens. By Spencer F. Baird.
8vo., 1886, 1 page.
- C. 36. Circular concerning the department of antiquities. By S. P. Langley.
8vo., 1887, 6 pp., 17 figs.
- C. 37. Catalogue of the contributions of the section of graphic arts to the Ohio Valley Centennial Exposition, Cincinnati, Ohio, 1888. By S. R. Koehler.
8vo., 1887, 31 pp.
- C. 38. Contributions of the department of transportation and engineering to the Ohio Valley Centennial Exposition, 1888. By J. Elfreth Watkins.
8vo., 1888, pp. 1-18.
- C. 39. The contribution of the section of oriental antiquities to the Ohio Valley Centennial Exposition. By Cyrus Adler.
8vo., 1888, pp. 1-7.

- C. 40. Description of exhibit made by the department of prehistoric anthropology in the National Museum at the Ohio Valley and Central States Exposition in Cincinnati, Ohio, 1888. By Thomas Wilson.
8vo., 1888, pp. 1-33, 50 figs.
- C. 41. Guide to a collection illustrating the families of mammals, exhibited in the Ohio Valley Centennial Exposition in 1888 by the U. S. National Museum. By Frederick W. True.
8vo., 1888, pp. 1-26.
- C. 42. Circular relating to prehistoric anthropology. By Thomas Wilson.
8vo., 1888, pp. 1-16, 4 figs.
- C. 43. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing accessions for the library.]
8vo., 1894, 1 page.
- C. 44. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing publications for the library in exchange.]
8vo., 1894, pp. 1-8.
- C. 45. To the correspondents of the U. S. National Museum. By G. Brown Goode. [With a view to securing authors' separates and reprints for the library.]
8vo., 1894, 1 page.
- C. 46. [Regarding the proposed revision of Bulletin 22, relating to the flora of the District of Columbia.] By G. Brown Goode.
8vo., 1895, 2 pp.
- C. 47. Circular in regard to the identification of specimens of mollusks by the National Museum. By G. Brown Goode.
8vo., 1895, 2 pp.
- C. 48. Circular in regard to bones and teeth of the mastodon and mammoth. By Frederic A. Lucas.
8vo., 1897, pp. 1-4, 2 figs.
- C. 49. [Circular relating to the North American Violaceæ.] By Frederick W. True.
8vo., 1899, 1 page.
- C. 50. [Circular transmitting questions relating to birds and birds' eggs.] By Richard Rathbun.
8vo., 1901, 3 pp.

VII.—INDEX TO TITLES IN PRECEDING LIST.

[In the references the following abbreviations are used: R.=paper printed in the Reports; P.=paper printed in the Proceedings; B.=Bulletin; Sp. B.=Special Bulletin; C.=Circular. The references under certain special headings, such as U. S. Fish Commission, etc., are necessarily incomplete, as this is only an index of *titles*. References to persons whose names occur in the titles, but who are not themselves the authors of the papers, are placed in brackets.]

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¹For a complete list of papers relating to the work of the "Albatross" see "Dredging and other records of the 'Albatross,' with bibliography relative to the work of the vessel," compiled by C. H. Townsend and published in the Report of the U. S. Fish Commission for 1900.

²In addition to the above-numbered series the following papers, printed in the Proceedings subsequent to Volume XVIII, are based wholly or in part on "Albatross" collections: Nos. 1114, 1115, 1161, 1162, 1213, 1236, 1239, 1241, 1244, 1259, 1261.

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